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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/576,294	05/23/2000	Hiroshi Asahina	040447/0216	4466
22428	7590	10/22/2003	EXAMINER	
FOLEY AND LARDNER				WAHBA, ANDREW W
SUITE 500				ART UNIT
3000 K STREET NW				PAPER NUMBER
WASHINGTON, DC 20007				2661

DATE MAILED: 10/22/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	09/576,294	ASAHINA, HIROSHI
	Examiner	Art Unit
	Andrew W Wahba	2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 23 May 2000.
- 2a) This action is FINAL.                  2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-15 is/are rejected.
- 7) Claim(s) 1 is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some \* c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                    | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____  |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                           | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) <u>4_6</u> . | 6) <input type="checkbox"/> Other: _____                                    |

## **DETAILED ACTION**

### ***Claim Objections***

Claim1 is objected to because of the following informalities: in listing the steps that comprise the applicant's address resolution method, the claim reads "renews," rather than renewing (line 18). Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1 through 15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. As the MPEP 2173.05(b) explains, improper use of the term "type" renders the claim indefinite. While this action points out several claims that are indefinite as a result of the term "type," correct other instances, if any, that are not explicitly mentioned.

With respect to claim 1, the applicant claims an address resolution method that comprises a series of steps, one of which involves transmission over a "connectionless type network" (page15, line 15). Also, claim 1 it is not clear whether or not the "(see IETF: Internet Engineering Task Force Document RFV826)" is to be read a limitation to the claim (page 15, lines 11-12). The Office would accept an alternate wording 'ARP according to Internet Engineering Task Force Document RFV826.'

Claim 4 refers to a "connectionless type network" (page 16, lines 17, 21 and 22) and is considered indefinite. Claim 5 refers to a "connection oriented type communication system" (page 16, line 25) and is considered indefinite.

Claim 7 refers to "connectionless type network" (page 17, line 14) and is considered indefinite.

With respect to claim 10 details an address resolution system comprised in part by a "connection oriented type network" (page 17, line 9) and a "connectionless type network" (page 17, line 11). In both instances, use of the word type renders the claim indefinite.

Claim 14 refers to a "connectionless type network" (page 20, lines 9 and 10) and is considered indefinite.

#### ***Allowable Subject Matter***

3. Claims 1-15 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action. The available prior art fails to teach or fairly suggest an address resolution method that receives the data packet from the mobile packet terminal on the IWF such that the packet is transmitted to a connectionless network on an IWF when the mobile packet terminal is handed over, and a switch node receives the IWF, where said switch node renews a physical address table and the IWF is determined at the destination, as recited in independent claims 1 and 10.

***Additional Notes***

In the examination of this application, the IDS submitted on 05/23/2000 was not located, please resubmit the IDS for its consideration.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew W Wahba whose telephone number is (703) 305-4684. The examiner can normally be reached on M-F 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W Olms can be reached on (703) 305-4703. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Andrew Wahba *AWN*

October 15, 2003

*Chau T. Nguyen*  
CHAU NGUYEN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600